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PN - JP8332396 A 19961217
PD - 1996-12-17
PR - JP19950164491 19950608
OPD - 1995-06-08
TI - METAL CARRIER
IN - TSUKIIDE YUUZOU; SERIZAWA HARUO
PA - USUI INTERNATIONAL INDUSTRY
IC - B01J35/04 ; B01J35/04 ; F01N3/28

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TI - Metallic carrier for exhaust gas purificn. in cars - comprises stacks of flat and corrugated thin metallic strips, and base metallic honeycomb
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PA - (USUI) USUI KOKUSAI SANGYO KK
IC - B01J35/04 ; F01N3/28

AB - J08332396 The metallic carrier comprises at least two stacks X1 to Xn (n at least 2), each comprising given sets of flat and corrugated thin metallic strips alternatively piled and each contacted at one contact end whilst being coiled around the centre of the contact ends. At least one of either one type of flat and corrugated strips encloses, by at least one turn of the other end opposite to the contact end, the outer periphery of a base metallic honeycomb formed by the remaining coiled strips, and this turn is made of an elongate flat strip portion.
 - USE - Used as a metallic carrier for exhaust gas purificn. in cars.
 - ADVANTAGE - Reinforcement of the interior, partic. the central portion of the metallic honeycomb, can be improved.
 - (Dwg. 1/13)

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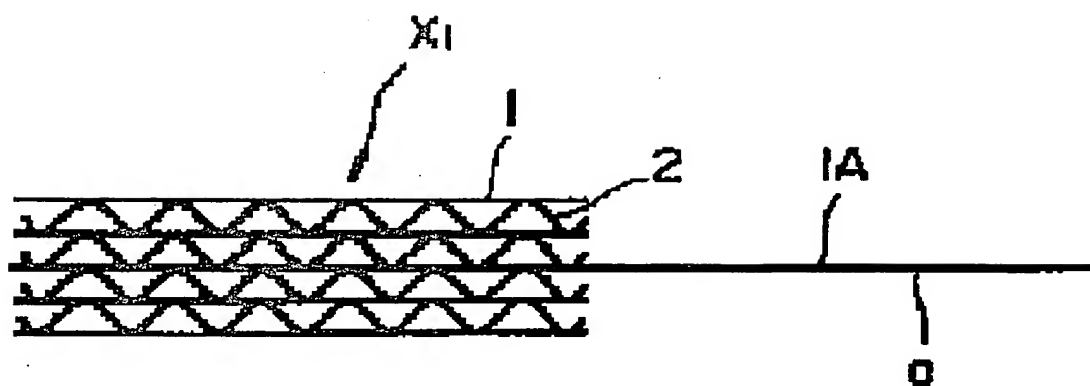
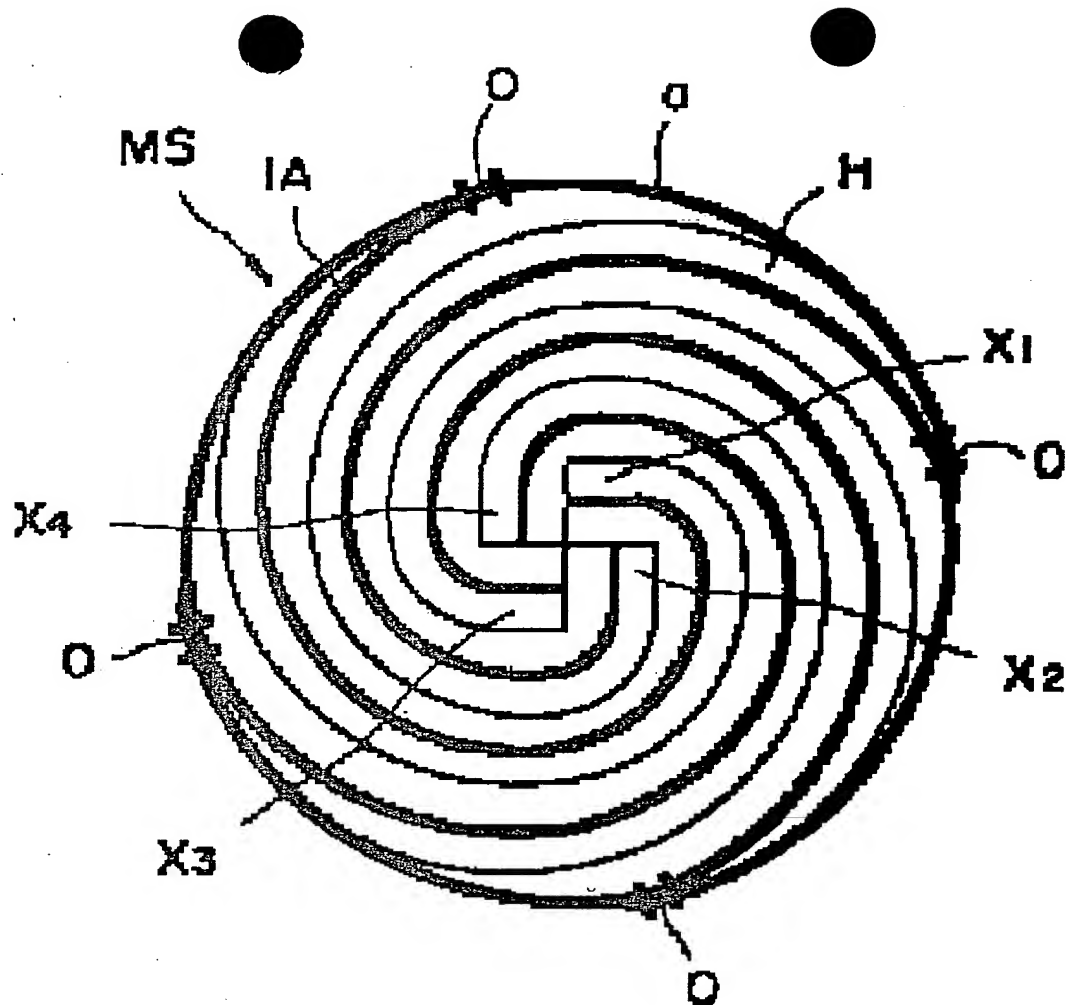
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IN - TSUKIIDE YUUZOU; SERIZAWA HARUO
PA - USUI INTERNATL IND CO LTD
TI - METAL CARRIER

AB - PURPOSE: To obtain a metal carrier which has a honeycomb part of sufficient strength and a center part of high durability without a metal casing by externally wrapping the outer peripheral part of the metal honeycomb element formed by winding a stack around the end part, using a flat sheet-like or a corrugated sheet-like strap.
 - CONSTITUTION: A stack consists of a desired number of flat sheet-like strap 1 and corrugated sheet-like strap 2 which are alternately stacked over each other. In this stack, the flat sheet-like strap 1A in the center is longer than the other flat sheet-like strap 1 and the corrugated sheet-like strap 2. In addition, when manufacturing a metal honeycomb element H by forming the stack X 1 and other three stacks of the same type X 2 to X4, each flat sheet part (a) of the long size part makes at least, one round of trip jointly around the outer peripheral part of the honeycomb element H, and becomes

alternately stacked over each other for sticking. Thus a metal carrier for cleaning an exhaust gas obtained by the above manufacturing steps is of the highly durable and economical X-lapped type metal honeycomb body.

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